

Fig. 1A: Variable Light

	10	20	30	40
2C4	DTVMTQSHKIMSTSVGDRVSITC	[KASQDVSIGVA]	WYQQR	P
	**	****	*	
574	DIQMTQSPSSLSASVGDRVTITC	[KASQDVSIGVA]	WYQQK	P

hum KI	DIQMTQSPSSLSASVGDRVTITC	[RASQISNYLA]	WYQQK	P

	50	60	70	80
2C4	GQSPKLLIY [SASYRYT]	GVPDRFTGSGSGTDFTT	TISSVQA	
	**		*	**
574	GKAPKLLIY [SASYRYT]	GVPSRFSGSGSGTDFTLT	TISSLQP	
	*	*****		
hum KI	GKAPKLLIY [AASSLES]	GVPSRFSGSGSGTDFTLT	TISSLQP	

	90	100	
2C4	EDLAVYYC [QYYIYPYT]	FGGGTKLEIK	(SEQ ID NO:1)
	**	*	
574	EDFATYYC [QYYIYPYT]	FGGQTKVEIK	(SEQ ID NO:3)
	***	*	
hum KI	EDFATYYC [QYNSLPWT]	FGGQTKVEIK	(SEQ ID NO:5)

Fig. 1B: Variable Heavy

	10	20	30	40
2C4	EVQLQQSGPELVKPGTQSVKISKAS	[GFTFTDYTMD]	WVKQS	
	**	***	*	**
574	EVQLVESGGGLVQPGGSLRLSCAAS	[GFTFTDYTMD]	WVRQA	

hum III	EVQLVESGGGLVQPGGSLRLSCAAS	[GFTFSSYAMS]	WVRQA	

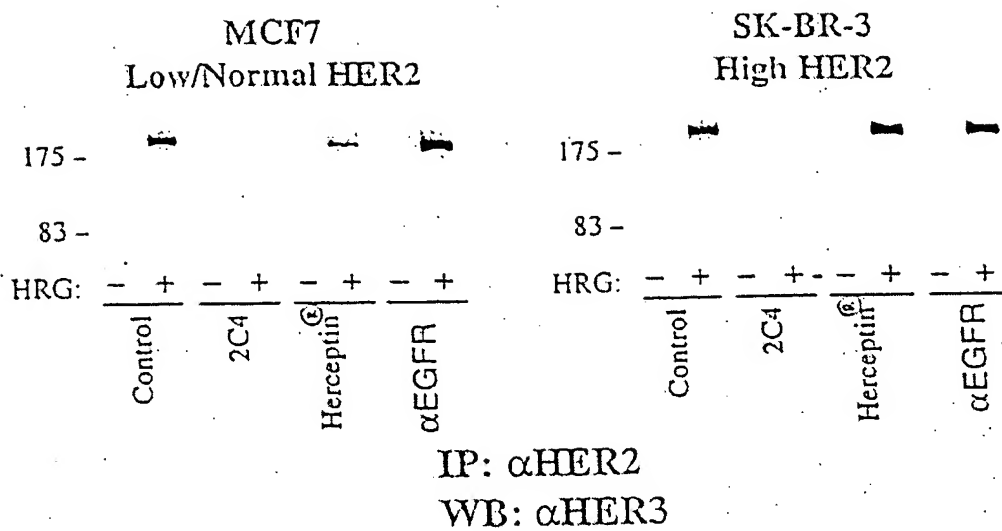
	50	a	60	70	80
2C4	HGKSLEWIG [DVNPNSGGSIYNQRFKG]	KASLTVD	RSSRIVYM		
	*	*	*	*****	
574	PGKGLEWVA [DVNPNSGGSIYNQRFKG]	RFTLSVDR	SKNTLYL		
	*****	***	****		
hum III	PGKGLEWVA [VISGDDGGSTYYADSVKG]	RFTISRON	SKNTLYL		

	abc	90	100ab	110
2C4	ELRSLTFEDTAVYYCAR	[NLGPSFYFDY]	WGQGTTLTVSS	(SEQ ID NO:2)
	***	**	*	
574	QMNSLRAEDTAVYYCAR	[NLGPSFYFDY]	WGQGTTLTVSS	(SEQ ID NO:4)

hum III	QMNSLRAEDTAVYYCAR	[GRVGYSLYDY]	WGQGTTLTVSS	(SEQ ID NO:6)

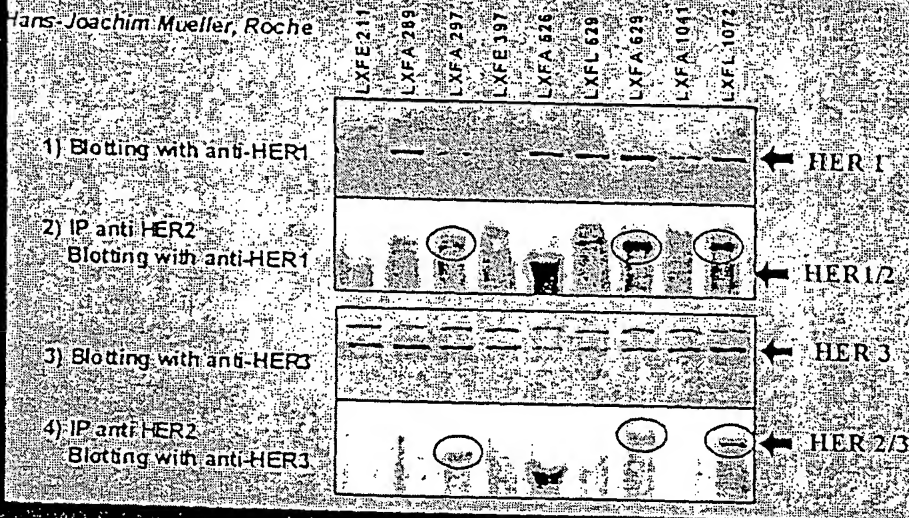
Fig. 2A

Fig. 2B



HER2 containing dimers in protein extracts from Oncotest NSCLC xenograft explants

Hans-Joachim Mueller, Roche



HER2/HER1 dimers and HER2/HER3 dimers are elevated in the rhuMAb 2C4 responsive versus rhuMAb 2C4 non-responsive NSCLC xenografts.

Figure 3

HER2 expression/activation in protein extracts from Oncotest NSCLC xenograft explants

FIGURE 4

